

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (previously presented) An interrogation system for use with a hand-held weapon comprising:
 - a hand-held weapon,
 - a transmitting device attached to said hand-held weapon which transmits an inquiry to a responder device in the form of directionally specific single electromagnetic pulses or short bursts of electromagnetic pulses which are staggered with different distances between said pulses or short bursts of pulses in order to transmit coded information,
 - a responder device having a sensor for detecting such electromagnetic pulses, an evaluation unit for processing such detected pulses and a transmitter for sending back a response to the transmitting device's inquiry,
 - wherein said transmitting device further contains a transmitting device sensor for detecting a response from said responder device.
2. (previously presented) The interrogation system in accordance with claim 1, wherein said transmitting device has a control circuit and an antenna for transmitting its inquiry signals.
3. (previously presented) The interrogation system in accordance with claim 2, wherein the antenna is integrated into said control circuit.
4. (previously presented) The interrogation system in accordance with claim 1, wherein said directional specificity is achieved with an angle of a radiated lobe below 50 mrad.

5. (previously presented) The interrogation system in accordance with claim 4, wherein said responder generates staggered information pulses with different distances between said pulses corresponding to said staggered transmitting device pulses.

6. (previously presented) The interrogation system in accordance with claim 1, wherein said transmitting device can perform a distance measurement using the response signal received from said responder device.

7. (previously presented) The interrogation system in accordance with claim 1, wherein the sensor of the responder device is designed to be received in a portable harness system.

8. (previously presented) The interrogation system in accordance with claim 1, wherein at least a part thereof can be integrated into a weapon.

9. (previously presented) The interrogation system in accordance with claim 1 wherein said responder device includes an antenna for receiving said electromagnetic pulses from said transmitting device.